Indicators of construction work

1 Contact	
1.1 Organization	Štatistický úrad Slovenskej republiky
1.2 Address	Lamačská 3/C, 840 05 Bratislava
1.3 Contact name	Peter Kuška
1.4 Organization unit	Odbor štatistiky stavebníctva, obchodu a služieb
1.5 Phone number	+421 2 50236 341; +421 2 50236 339
1.6 Email address	info@statistics.sk

2 Metadata update	
2.1 Date of last update	24.09.2021

3 Popis štatistiky

3.1 Popis údajov

The variables collected in monthly surveys:
- Number of employees;
- Wages and salaries.

The variables collected in quarterly survey:
- Number of employees;
- Hours worked.

Number of sole proprietors-physical persons in Trade register
On the base of above mentioned information the estimation of number of persons employed is realized.
Variable wages and salaries is reported in EUR.

3.2 Klasifikačný systém

Branch classification of economic activities – NACE rev.2.
Nomenclature of Territorial Units for Statistics– NUTS 2010.
Classification of products by activity - CPA 2015.

3.3 Pokrytie štatistických oblastí a okruhov

Construction
Enterprises with principal activity in Divisions 41-43 of NACE Rev. 2.
Size classes covered
All enterprises with 20 and more employees registered in the business register, small enterprises in the business

register with less than 20 employees having an annual turnover in excess of 5 Mill. EUR (as well as sole proprietors
having an annual turnover in excess of 5 Mill. EUR).
Sample of small enterprises and sole proprietors performing their business activity on the base of issued trade
licences according to Act no. 455/1991(the data source is the number of issued trade licences).

3.4 Štatistické pojmy a definície

The **number of persons employed** variable includes:
- Paid employees, e.g. those persons who have a contract of employment and who are on the payroll of the enterprise. Paid working proprietors, paid students and homeworkers, part-time workers, seasonal workers persons on short-term leave are included in the variable. It is measured as an average number;
- Unpaid persons employed, e. g. unpaid working proprietors (owners), unpaid family workers. The data for the unpaid working proprietors is estimated using the data from the structural business statistics survey. **Wages and salaries** include the total remuneration of employees counted on the payroll in return for their work, before deduction of their share of social security charges. It includes gratuities and bonuses paid from the profit of the enterprise, payments for emergency work. The particular items are based on the company accounting headings. **Hours worked** include all hours which have actually been worked during the current period (basic or normal
hours, overtime hours, hours worked during nights, Sundays or public holidays, short periods of rest at the place of work including tea and coffee breaks, time spent on business trips). The variable excludes hours which are paid but not worked such as paid annual holidays, public holidays, sick leave, or due to accidents, strikes, lock-outs or slack time.
Estimates of all 3 variables are realised **for population of small enterprises based on results of monthly sample surveys and quarterly sample surveys** and **for self-employed** performing their business activity on the base of issued trade licences according to Act no. 455/1991 [Digest] (the data source is the number of issued trade licences). The estimation of hours worked of self-employed is based on hours worked by employees. The Business register is the frame for identifying units for the population. The Business register is updated in daily frequency from: the business register, the trades register, the professional chambers, and from other ministries. The
Business register is updated with information from the tax register, the social insurance company register and from statistical surveys.
The share of the hours worked of employees in the total hours worked of employees and persons employed is
dominant.

3.5 Štatistická jednotka

The reporting unit is an enterprise.

3.6 Cieľová populácia

All enterprises with 20 or more employees registered in the Commercial Register, small business registers with fewer than 20 employees with an annual turnover of over 5 million. Euros and tradesmen who have an annual turnover of more than 5 mil. Eur.

Sample of small enterprises with less than 20 employees and annual turnover of less than 5 mil. EUR with principal activity in Division 47 of NACE Rev. 2
Estimates for sole traders performing business activities on the basis of trade licenses issued under Act no. 455/1991 (the source of data is the number of trade licenses issued).

3.7 Geografické pokrytie

Štatistika je k dispozícii za SR spolu a v členení za 8 krajov.
Statistics are available for the Slovak Republic together and divided into 8 regions.

3.8 Časové pokrytie

The number of persons employed:
Data are regularly transmitted to Eurostat with first reference period 1Q2010.
Wages and salaries:
Data on wages and salaries are regularly transmitted to Eurostat with first reference period 1Q2010.
Hours worked:
Data on hours worked are regularly transmitted to Eurostat with first reference period 1Q2010.

3.9 Bázické obdobie

Base period is not relevant for sending the absolute values.

4 Merná jednotka

Absolute values on the number of persons employed, wages and salaries and hours worked are transmitted to Eurostat.

5 Referenčné obdobie

Reference period for the number of persons employed and wages and salaries is month.
Reference period for hours worked is quarter.

6 Inštitucionálny mandát

6.1 Právne akty a iné dohody

Information on statistics Construction The Statistical Office of the SR collects in the statistical survey Stav 1-12 included in the Program of State Statistical Surveys, issued for a three-year period in the Collection of Laws of the Slovak Republic. The reporting obligation to submit statistical statements to entities is based on Act no. 540/2001 Coll. on State Statistics as amended (Section 18 (3)) and cannot be rejected (Section 18 (8)). The Statistical Office of the Slovak Republic is responsible for the protection of confidential data obtained and guarantees their use exclusively for statistical purposes.

6.2 Spoločné využívanie údajov

The required variables are sent to Eurostat from 2017 in SDMX format and to other national information system needs organizations.

7 Štatistická dôvernosť

7.1 Politika štatistickej dôvernosti

Protection of statistical confidentiality (protection of confidential statistical data) is a system of interrelated measures in the legislative, methodological, organizational, technical, security and personnel fields, preventing the leakage of confidential statistical data or the premature publication of statistical information. Authorities performing state statistics are obliged to ensure the protection of confidential statistical data from misuse in the manner set out in § 25a and § 29 and 30 of Act No. 540/2001 Coll. on State Statistics, as amended. The principles of the application of confidential statistical data protection are available on the website of the SO SR at: https://slovak.statistics.sk/wps/portal/ext/services/infoservis/confidential

7.2 Zaobchádzanie s údajmi

Confidential statistical data are not disclosed. In the publications and databases of the Statistical Office of the Slovak Republic, the symbol "D" is placed in the respective places instead of the data.

8 Politika zverejňovania

8.1 Kalendár prvého zverejnenia

The schedule of statistical release dates.
First Release Calendar provides the precise release dates for the coming four months in advance. The calendar is updated monthly. It covers main economic and social indicators established currently within the EU regulations and IMF special standard, which define timeliness standards as well.
In the First Release Calendar compilation release dates defined by Eurostat are taken into consideration.
First Release Calendar
The “Catalogue of publications” is released every year. It contains information on particular publications,
periodicity and dates of release.
Catalogue of publications
Statistical Yearbook of the Slovak Republic
DATACUBE

8.2 Prístup ku kalendáru prvého zverejnenia

First Release Calendar is ispublicly available on the Office's website:
First Release Calendar

The data are released simultaneously to all interested parties by issuing "Information reports" which are posted on the website of the Statistical Office of the SR:
Information Reports

8.3 Prístup používateľov k štatistickým informáciám

The statistical information dissemination policy is formulated in accordance with the State Statistics Act, the Statistical Office Development Strategy, the Eurostat Information Dissemination Strategy and the European Statistics Code of Practice.
The principles of publishing and providing statistical information are available on the website of the Statistical Office of the SR at:
https://slovak.statistics.sk/wps/portal/ext/services/infoservis/principles

9 Periodicita zverejňovania

(1) Data on Number of person employed, Wages and salaries and Hours worked are transmitted to Eurostat quarterly.
(2) Data on Number of person employed are disseminated monthly to national users.

10 Dostupnosť a zrozumiteľnosť

10.1 Tlačové správy

Construction
Released monthly in electronic publications:
— "Information reports" according to the release calendar;
— "Monitor of the Economy of the Slovak Republic".
— "Basic Indicators of Selected Market Services".
Released quarterly in electronic publications:
— "Statistical Report on Basic Development Tendencies in the Economy of the Slovak Republic".
Website: http://www.statistics.sk

10.2 Publikácie

Released quarterly in paper publication:
— "Statistical Report on Basic Development Tendencies in the Economy of the Slovak Republic".
Released annualy in paper publications:
— "Statistical Yearbook of the Slovak Republic".
Statistical Yearbook
Regional Statistical Yearbook of Slovakia
Data of **wages and salaries and hours worked** are not publicated.

10.3 On-line databázy

DATACUBE

10.4 Prístup k mikroúdajom

Micro data is not published.

10.5 Iné

Eurostat, central government, professional and trade union associations.

10.6 Dokumentácia o metodike

Construction
Each publication contains an introduction concerning methodological notes and contact for the information service.
On the website of the SOSR there is available:
— information on turnover in services in “Indicators on economic development” including basic methodological
notes;
— statistical questionnaires forms in national version including methodological notes;
— methodological sheets (descriptions of statistical indicators in detail) in national version.
Statistical Questionnaires
Metadata of the variables

10.7 Dokumentácia o kvalite

Technical projects of statistical surveys and methodological directives Quality indicators of statistical outputs and processes (MET-2/2012) and Application of mathematical-statistical methods for statistical surveys (MET-3/2012) are available for statistical data production.
On a yearly basis, quality reports are prepared in the ESS Metadata Handler for individual indicators in accordance with the ESS Handbook for Quality Reports (EQHQR) based on Eurostat requirements.

11 Riadenie kvality

11.1 Zabezpečovanie kvality

The SO SR has a quality management system in place. The Quality Manual includes a description of the quality management system and the fulfillment of ISO 9001 requirements. The application of the Manual ensures that all activities that affect the quality of the products being produced are planned, managed, reviewed, evaluated and meet the requirements accepted in the order. The Quality Guide is available at:
https://slovak.statistics.sk/wps/wcm/connect/9ca43aa4-bfaf-4101-9dae-5263aa834df7/Prirucka_kvality.pdf?MOD=AJPERES&CVID=mu8R9IM&CVID=mu8R9IM

The basis of the whole quality management system is the Code of Practice for European Statistics:
https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise

11.2 Hodnotenie kvality

Currently, technical projects are developed in the integrated statistical information system (ISIS) for each statistical survey, including all the necessary issues concerning data entry, data completeness and statistical controls.

12 Relevantnosť

12.1 Potreby používateľov

Consultations with users are required by statistical act stressing the cooperation with other organisations (ministries
and other state organisations) during preparation of the Programme of State Statistical Surveys.
An advisory body the Statistical Council consists of members representing main users (representatives of ministries, state organisation and public institutions).
The Council is the permanent expert advisory body for the President of the SOSR in the field of state statistics. The
task of the Council is to draft /submit proposals and recommendations regarding state statistics concepts, to discuss
the Programme of the state statistical surveys and other tasks according to the Status on the Statistical Council.
Key users of particular statistics products are listed in Marketing plan:
International organizations – Eurostat.
National institutions – Ministry of Finance of the Slovak Republic(MFSR), National Bank of Slovakia (NBS),

12.2 Spokojnosť používateľov

User satisfaction is monitored via “Survey on satisfaction of users with products and services of the SO SR” conducted regularly with two-year periodicity. Evaluation of the user satisfaction survey also includes satisfactions rate (overall and for specified areas as well as for groups of products) and it is submitted together with conclusions
and suggestions for improvements to top management meeting for approval.

12.3 Úplnosť štatistických informácií

Construction
100%
Monthly time series for Divisions 41 – 43 of NACE Rev. 2. are available since January 2000.
The number of persons employed:
Quarterly time series on the number of persons employed are available since 1Q 2010.

The wages and salaries:
Quarterly time series are available since 1Q 2010.
The hours worked:

Quarterly time series are available since 1Q 2010.

13 Presnosť a spoľahlivosť

13.1 Celková presnosť

The SO SR makes great efforts to prevent the occurrence of errors in data and performs a thorough

13.2 Výberové chyby

Absolute numbers are found:
- exhaustingly (enterprises with 20 and more employees)
- samply survey (enterprises with less than 20 employees), one third of the sample changes annually
- estimates for tradesmen.

13.3 Nevýberové chyby

To avoid non-selectable errors, i. errors in the process of collection and processing The SO SR has integrated logical and data controls in the integrated statistical information system (IŠIS) at the level of micro-data as well as at the level of aggregated data that are performed during data collection and processing.

The electronic questionnaire itself provides many arithmetic and logical controls between variables that we distinguish between serious and informative. In the event of serious errors in the form, this is not accepted and, in consultation with the reporting agent, is corrected to be correct and entered into processing. With these tools we try to minimize errors already in the collection itself and then during data processing.

14 Včasnosť a dochvíľnosť

14.1 Včasnosť

There are not differences in timeliness between the different aggregation levels or between the statistical variables.
Quarterly t + 60.

14.2 Dochvíľnosť

Publication dates are respected.

15 Porovnateľnosť a koherentnosť

15.1 Geografická porovnateľnosť

The same statistical methods are applied for the entire area of Slovak Republic.

15.2 Porovnateľnosť v čase

The number of persons employed:
Comparable time series for number of persons employed are available since January 2010.

The wages and salaries:
Comparable time series are available since January 2010.
The hours worked:
Comparable time series are available since 1Q 2010.

15.3 Prierezová koherentnosť

The following data comparison analysis is done:
1) Comparison of monthly survey results with quarterly data surveyed for the purposes of national accounts (for the
calculation of quarterly GDP);
2) Comparison with structural business statistics data;
3) Regular meetings of STS experts with national account experts are organized;
4) The trends of the STS data are compared with the business tendency surveys.
The analysis shows very good compliance level in case of parts of population surveyed exhaustively. Some
differences appear when comparing data from monthly, quarterly and yearly samples, which are the subject of
further detailed data analysis.

15.4 Vnútorná koherentnosť

There are no deviations, statistical outputs are internally consistent.

16 Náklady a záťaž respondentov

It is estimated on the basis of the reporting unit of the time required to complete the form.

17 Revízia údajov

17.1 Politika revízií

The revision policy governs the basic rules and general procedures by which the pre-drafted data is later revised as well as applied in revisions for other reasons. The revision policy and calendar is available on the SO SR website at:
https://slovak.statistics.sk/wps/portal/ext/products/revisions

17.2 Revízia údajov v praxi

The primary source of routine revisions is the need of data revisions due to data available from quarterly enterprise
surveys, new data received from reporting units or corrected data from reporting units. The revised data for the last
3 months of the quarter are published together with the preliminary results of the following month. The publication
of the revised data is done periodically in line with Calendar of revisions.
In the event of any revision (even in previous years), a note is given in the databases and in the relevant SO SR publications that the data have been revised.

18 Štatistické spracovanie

18.1 Zdrojové údaje

Construction
Exhaustive survey of enterprises with 20 and more employees and of small enterprises with annual turnover in
excess of 5 Mill. EUR.
Stratified random sample of small enterprises.
Estimates of sole proprietors.
Stratification criteria: Activity, size classes and region (NUTS 3).
The rate used for sampling is 18 % for each combination of the three criteria: activity, number of employees,
region).
Activity Groups : 41 – 43 of NACE Rev. 2.
Number of employees : 0-9, 10-19.
Region (NUTS 3) : 1, 2, … , 8.
Every year one third of the sample is changed.
Hours worked
Estimates of the variable hours worked are realized consistently for all services areas on the base of quarterly surveys results.
Estimates of all three variables are realized consistently for all services areas for sole proprietors performing their business activity on the base of issued trade licences according to Act no. 455/1991 [Digest] (the data source is the number of issued trade licences).

18.2 Periodicita zberu údajov

Monthly data collection for the number of persons employed and wages and salaries.
Quarterly data collection for hours worked.

18.3 Zber údajov

Data collection is provided by specialized offices of the SO SR in Košice. Electronic data collection is obligatory from 1 January 2016 in accordance with the obligation stipulated by the Act of the Slovak National Council no. Amending and supplementing the Act of the Slovak National Council

no. 540/2001 Coll. Data should be submitted on the 17th calendar day following the end of the reference month. Non-responders are informed of their reporting obligation and contact their affiliates again. Most of the errors are directly consulted with the reporting agents.

18.4 Validácia údajov

Data validation is embedded in the integrated statistical information system of the SO SR. The following checks are distinguished when collecting data:
1- formal checks carried out automatically in the data collection process
2- informal controls to check the complexity and relationships between variables.
From the point of view of the severity of errors:
I - Infomatic Errors - Provide additional information that is needed for the process of checking and correcting data. They provide information on possible overruns of specified limits, partial non-response, etc.

18.5 Spôsob spracovania údajov

Non-responses are resolved by imputation of data from the previous month, but no more than three months.
1.The results of small enterprises are calculated using Horwitz-Thomson's estimate with respect to the business activity. Initial weights are modified according to the rate of non-response of inactive units.
2. The number of issued trade licenses is used to estimate the revenues of sole traders.

18.6 Úprava údajov

Indicators Number of persons employed and wages are not adjusted. Only the hours worked indicator is adjusted.

19 Poznámka